U TI CA®

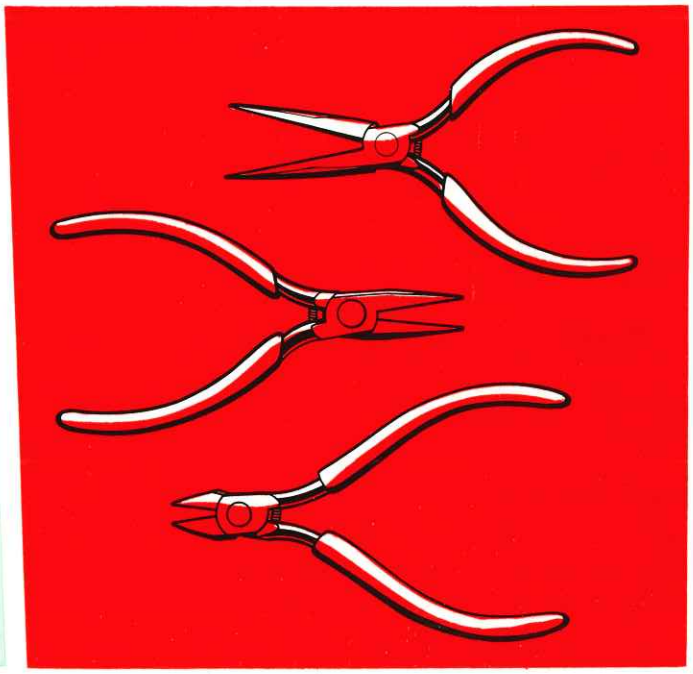
electronic precision tools by utica

especially designed for electronic assembly

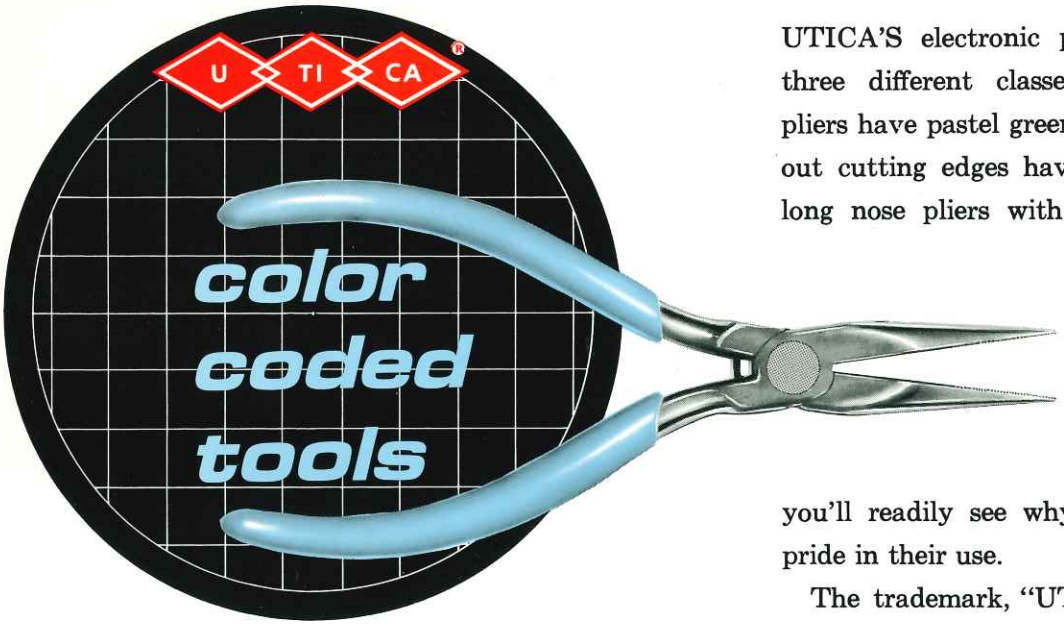
not just a tool...

...but an instrument

- ELECTRONICALLY INDUCTION-HARDENED CUTTING EDGES
- COIL SPRINGS
- PRECISION JOINTS
- CUSHION GRIP HANDLES
- FULL POLISHED
- HAND HONED EDGES



UTICA TOOL CO., INC.
Subsidiary △ The Triangle Corporation
Orangeburg, South Carolina 29115



UTICA'S electronic pliers are color-coded in three different classes: (1) diagonal cutting pliers have pastel green handles. (2) Pliers without cutting edges have pastel blue handle (3) long nose pliers with cutting edges have tan handles. Add to these comfortable attractive plastic handles the highly polished finish Utica tools possess and you'll readily see why assembly workers take pride in their use.

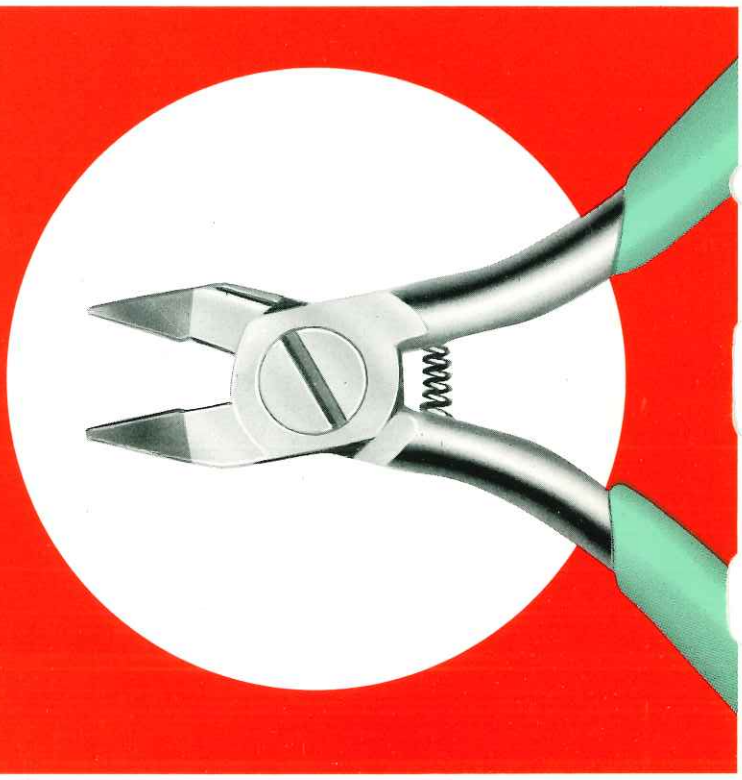
The trademark, "UTICA" is your unqualified guarantee against any defects in quality or workmanship.

utica tools are the best tools for electronic assembly. And utica hand tools are worker-accepted.

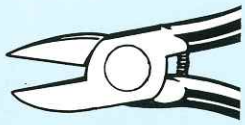
NEW!

Carbide Edges and Adjustable Rivet Feature

Utica's newly designed "Adjustable Rivet" now makes possible on-the-spot "Rivet adjustments". Hard "Carbide inserts" at the cutting edges give superior performance and longer tool life.



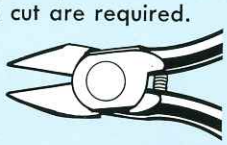
precision tools by utica



U-13246
Old No. 34-6"

MIDGET (LONG HANDLE) DIAGONAL CUTTING PLIERS

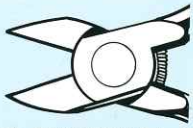
Cushion Handles, Full Polish and Spring Standard. Thin narrow nose and 6" handles make this Utica diagonal plier ideal for areas where long reach and snap cut are required.



U-13234-22
Old No. 47-4" CFS

MIDGET DIAGONAL CUTTING PLIERS

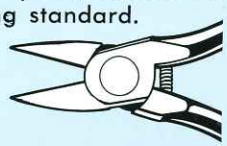
Flush edge and fine tapered nose with coil spring, full polish and cushion handles standard.



U-13124-22
Old No. 42-4" CFS

MIDGET DIAGONAL CUTTING PLIERS

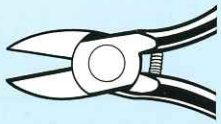
Designed with tapered nose, flush edge and precision joints, cushion handles, full polish and coil spring standard.



U-13224-22
Old No. 38-4" CFS

MIDGET DIAGONAL PLIERS

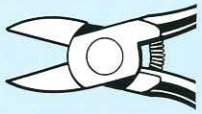
Hand honed semi-flush edges, cushion handles full polish and coil spring standard.



U-13145-22
Old No. 44-5" CFS

DIAGONAL CUTTING PLIERS

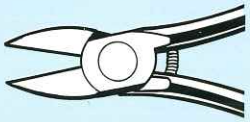
Semi-flush edge with slim tapered nose and electronically induction - hardened cutting edges plus full polish, cushion handles and coil spring standard.



U-13214-22
Old No. 46-4" CFS

MIDGET DIAGONAL CUTTING PLIERS

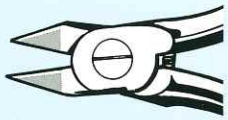
Full polished, semi-flush edge and thin, narrow nose, cushion handles and coil spring standard.



U-13126-22
Old No. 49-6" CFS

DIAGONAL CUTTING PLIERS

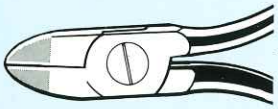
Semi-flush edge with thin, narrow nose, cushion grip handles, coil spring and full polish standard.



U-13614

MIDGET DIAGONAL CUTTING PLIERS WITH CARBIDE EDGES AND ADJUSTABLE RIVET

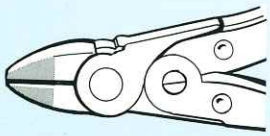
Designed specifically for the electronic industry . . . fine tapered nose for delicate work in confined areas. Carbide inserts at the cutting edge for longer life and superior performance . . . Utica's newly designed adjustable rivet allowing on-the-spot rivet adjustments . . . Flush edges . . . Cushion handles . . . coil spring and full polished standard.



U-13634

MIDGET DIAGONAL CUTTING PLIERS WITH CARBIDE EDGES AND ADJUSTABLE RIVET

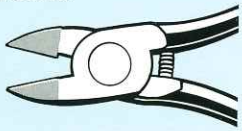
Thin, narrow nose ideal for areas where surface cuts are required . . . designed with Utica's new adjustable rivet and carbide inserts at the cutting edge, for longer life and superior performance . . . cushion handles . . . flush edges . . . coil spring and full polish standard.



U-13615

COMPOUND ACTION DIAGONAL CUTTING PLIERS WITH CARBIDE EDGES

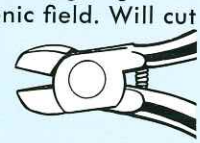
Carbide inserts at the cutting edge makes this Utica plier ideal for the electronic sub-assembly production. Polished heads and faces . . . nickel-plated handles, spring and cushion handles standard.



U-13164
Old No. 146-4"

DIAGONAL CUTTING PLIERS WITH CARBIDE EDGE

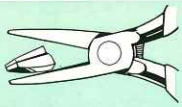
Cushion Handles, Full Polish and Spring Standard. A miniature size wire cutter with carbide inserts at the cutting edges. Designed specifically for the electronic field. Will cut half hard nickel wire.



U-13244

SNUB NOSE MIDGET DIAGONAL CUTTING PLIERS

Snub nose provides for work in confined areas . . . Designed to snap-cut fine solid or stranded wire . . . Flush cutting edge . . . Cushion handles . . . full polished and coil spring standard.

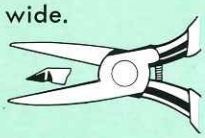


U-14534

Old No. 894-4"

ELECTRONIC DYKE-TIP CUTTING PLIERS

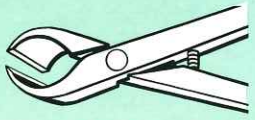
A 32° angle flush cutting edge, ideal for areas where snap-cuts are required. Designed for delicate electronic work . . . cushion handles, coil spring and full polished for attractive appearance . . . same as Tool No. U-14544 except nose is 3/32" wide.



U-14544

ELECTRONIC DYKE-TIP CUTTING PLIERS

A tapered, 32° angle cutting edge, designed specifically for the electronic industry . . . with coil spring, cushion handles . . . extreme flush edges for delicate electronic work . . . Heads and handles polished for attractive appearance . . . designed to snap-cut fine solid or stranded wire. Tip width 1/32".

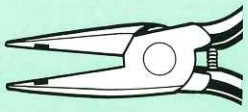


U-15214-11

Old No. 64-4" CS

ELECTRONIC END CUTTING NIPPERS

Jaws set at 22.5° angle. Flush cut edge brought to an extremely fine point. Excellent for very fine electronic work . . . cushion handles, spring, and full polish.

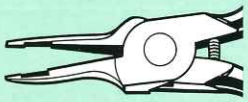


U-14855

Old No. 265-5"

UTICA ELECTRONIC WIRING PLIERS WITH CUTTER

Designed for delicate and intricate sub assembly work. Cushion handles and spring standard.



U-14536-22

Old No. 896-6" CFS

ELECTRONIC AND IGNITION CUTTING PLIERS

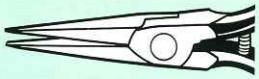
Designed for work in confined areas . . . with cushion handles, full polish and spring standard.

U-14215-22

Old No. 654-5½" CFS

LONG CHAIN NOSE SIDE CUTTING PLIERS

Spring-tempered, serrated jaws with extra-hardened jaw surfaces . . . cutters extra-hardened and hand-honed . . . cushion handles, full polished and spring.

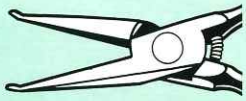


U-16126-43

Old No. 23-6" GR

CHAIN NOSE PLIERS

6" handles. Ideal for areas where long reach is required . . . with cushion handles, spring, unscored jaws, radius edges.

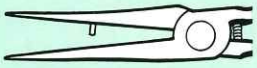


U-16135-43

Old No. 25-5" GR

BENT CHAIN NOSE PLIERS

A 60° angle bent nose and radius edges simplifies the job of gripping, twisting, and looping fine wire in confined area . . . with cushion handles, full polish, spring and unscored jaws.

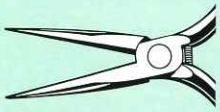


U-16585-43

Old No. 774-5½" GR

UTICA ELECTRONIC PICK-UP AND WIRING PLIERS

With cushion handles. Full polish, unscored jaws, radius edges and spring. Designed especially for looping, twisting, bending and picking up the finest wire used in the electronic industry. Dowel pin holds jaws in perfect alignment.



U-16215-58

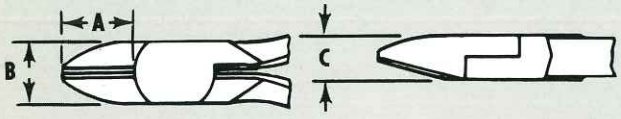
Old No. 1033-5½" CFGRS

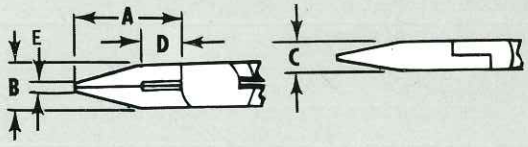
LONG CHAIN NOSE PLIERS

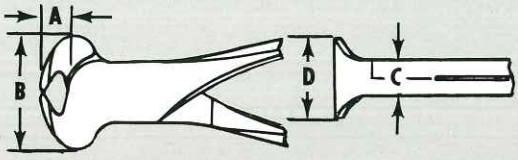
With Radius Edges, spring, cushion handles, full polish, and smooth jaws. Spring-tempered jaws for solid grip on small objects.

Reference Drawing for Tool Dimensions

These drawings furnish the key to listed dimensions which are all subject to standard commercial tolerances.







POWER CUTTER

U-18910

Old No. UA-100

Designed for high-volume production. Air activated diagonal head wire cutter has full length trigger for right or left hand cutting.

U-18925

Old No. UA-200B5

UTICA MULTI-PURPOSE POWER CUTTER

An air-activated high-power cutting tool available with a choice of four interchangeable heads. B-5-Cutter standard edge diagonal cutting head.

No. U-18920—Power Tool without Cutting Head (8′ hose and 1/8″ pipe fittings.)

No. UA-200 Cutting heads with carbide edges and adjustable rivet.

Extremely hard carbide inserts at the cutting edge gives resistance to nicking and chipping . . . Superior performance and longer tool life.

Utica's newly designed "Adjustable Rivet" makes possible on-the-spot rivet adjustments.

No. U-13952 • B-5 Power tool head with carbide edges and adjustable rivet.

No. U-13962 • B-6 Power Tool head with carbide edges (Flush) and adjustable rivet.

No. U-18935 • UA-200 Power Tool with No. U13952 head complete.

No. U-18936 • UA-200 Power Tool with No. U13962 head complete.

OPTIONAL HEADS

(with No. U-18920 Power Tool)

U-18926

Old No. UA-200B-6

Cutter hairline flush edge diagonal cutting head.

U-18927

Old No. UA-200B-7

Cutter crimper head for printed circuits.

U-18928

Old No. UA-200B-8

Diagonal cutting head for plastics only.

(See Price List for Standard Optional Heads Only)

midget tool kit

No. U-84826

A compact, colorful kit securely holds one each of the following midget pliers . . . 65-4½″ CF, 20-4½″ CF, 21-4½″ CF, 22-4½″ CF and 46-4″ CF. Dark Blue Kaffir exterior and pastel blue inside liner. See Utica Master catalog for tool specifications.

POWER WRITER

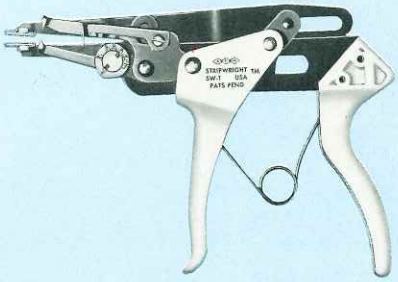
No. U-86101 • Tip replacement (3 per box)

U-18930

Old No. UA-300

For fast easy marking of tools and parts. Air-activated power writer for marking all types of materials such as metals, plastics, ceramics and glass. No special skill required.

STRIPWRIGHT WIRE STRIPPERS



U-18801

Old No. SW-1

Precision - built to prevent wire nicking cam action, calibrated dial adjusts to strip from No. 12 to No. 26 wire gauge size; with a full range from .016″ to .081″.

U-18802

Old No. SW-1L

Stripwright equipped with adjustable positive lock for desired wire gauge. (Extra cost)

U-18801-32

Adjustable stop extension for short length stripping, 1/8″ minimum available at no extra cost.

custom pliers

DIAGONAL CUTTING PLIERS

Designed for close cutting on circuit boards or chassis assemblies, with a fine tapered nose for delicate work. Cushion handles, flush edges and spring standard.

U-75316

Old No. B5316-4"

THIN CHAIN NOSE PLIERS

Designed for subminiature work. Will not mark soft wire. Cushion handles, smooth jaws with radius edges and spring standard.

U-75317

Old No. B5317-5"

MIDGET DIAGONAL PLIERS

Designed with thin, narrow nose for work in confined areas. Cushion handles, full polish, flush cutting edge and spring standard.

U-75263

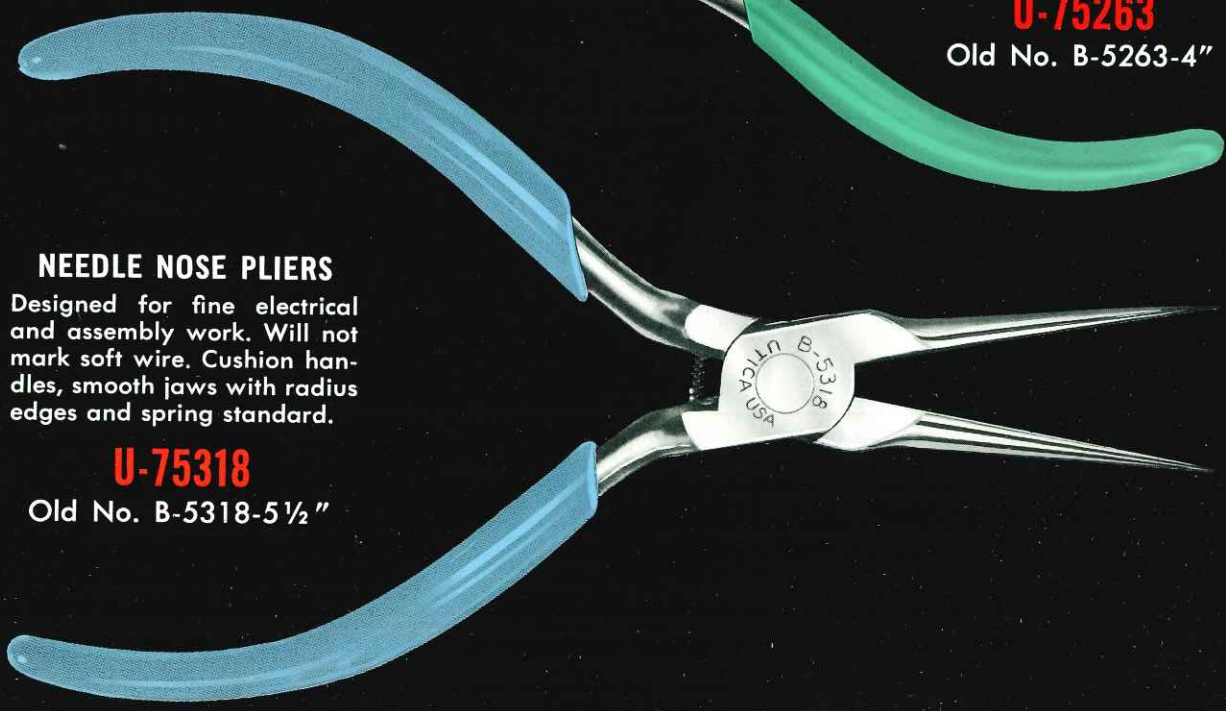
Old No. B-5263-4"

NEEDLE NOSE PLIERS

Designed for fine electrical and assembly work. Will not mark soft wire. Cushion handles, smooth jaws with radius edges and spring standard.

U-75318

Old No. B-5318-5½"



utica electronic pliers

SIZES AND DIMENSIONS IN INCHES

OLD NO.	NEW NO.	TYPE	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	HANDLES OVERALL WIDTH	OVERALL LENGTH	SPECIAL CHARACTERISTICS
23-6″ GR	U-16126-43	Chain Nose Pliers	1 1/32	23/64	15/64		1/32	1 3/4	6 25/32	6″ Handles
25-5″ GR	U-16135-43	Bent Chain Nose Pliers	1 1/16	13/32	1/4		3/64	1 7/8	5 1/8	60° Angle Bent Nose
34-6″	U-13246	Midget Diagonal Cutting Pliers	1/2	27/64	7/32			1 3/4	6 3/8	6″ Handles
38-4″ CFS	U-13224-22	Midget Diagonal Pliers	7/16	27/64	7/32			1 7/8	4 1/32	Semi-Flush Edge
42-4″ CFS	U-13124-22	Diagonal Cutting Pliers	21/32	9/16	11/32			1 7/8	4 1/2	Tapered Nose and Flush Edge
44-5″ CFS	U-13145-22	Diagonal Cutting Pliers	3/4	5/8	3/8			2	5 1/8	Semi-Flush Edge and Slim Tapered Nose
46-4″ CFS	U-13214-22	Midget Diagonal Cutting Pliers	1/2	27/64	7/32			1 7/8	4 1/8	Semi-Flush Edge and Thin Narrow Nose
47-4″ CFS	U-13234-22	Midget Diagonal Cutting Pliers	1/2	27/64	7/32			1 7/8	4 1/8	Flush Edge and Fine Tapered Nose
49-6″ CFS	U-13126-22	Diagonal Cutting Pliers	3/4	5/8	25/64			2	6 1/16	Semi-Flush Edge Thin Narrow Nose
64-4″ CS	U-15214-11	Electronic Diagonal Nippers	3/8	27/64		5/8		1 3/8	4 5/16	Flush Edge Jaws Set at 22.5° Angle
146-4″	U-13164	Diagonal Cutting Pliers	1/2	27/64	7/32			1 7/8	4 1/8	Carbide Inserts at Cutting Edge
265-5″	U-14855	Electronic Wiring Pliers with Cutter	1 1/8	9/16	5/16	1/4		2	5 5/32	Long Nose Center Cutter Near Tip
654-5½″ CFS	U-14215-22	Long Chain Nose Side Cutting Pliers	1 25/32	1/2	19/64	7/16	3/64	2	5 21/32	Long Nose Side Cutter
774-5½″ GR	U-16585-43	Electronic Pick-Up and Wiring Pliers	1 3/4	1/2	1/4		1/16	2	5 19/32	Long, Thin Nose with Dowel Pin
894-4″	U-14534	Electronic Dyke-Tip Cutting Pliers	63/64	7/16	9/32	7/32	3/32	1 7/8	4 27/64	Flush Edge 32° Angle Cutter at Tip
896-6″ CFS	U-14536-22	Electronic and Ignition Cutting Pliers	1 5/16	11/16	7/16	1/4		2	6 1/4	Medium Chain Nose Center Cutter Near Tip
1033-5½″ CFGRS	U-16215-58	Long Chain Nose Pliers	1 25/32	1/2	19/64		3/64	2	5 21/32	Long Nose Plier
B5263-4	U-75263	Midget Diagonal Cutting Pliers	1/2	27/64	7/32			1 7/8	4 1/8	Thin Narrow Nose and Flush Cutting Edge
B5316-4	U-75316	Diagonal Cutting Pliers	21/32	9/16	11/32		3/64	1 7/8	4 1/2	Flush Edge, Fine Tapered Nose
B5317-5″	U-75317	Thin Chain Nose Pliers	1 1/8	13/32	1/4		5/64	1 13/16	5 1/8	Long Thin Nose
B5318-5½″	U-75318	Long Needle Nose Pliers	1 3/4	1/2	19/64		3/64	2	5 19/32	Thin Tapered Nose
UA-200 B5	U-18925	Power Tool with Cutting Head	13/16	21/32	7/16					Full Length Trigger for Right or Left Hand Cutting
UA-200 B6	U-18926	Power Tool with Cutting Head	13/16	21/32	7/16					Hair-Line Flush Edge, Diagonal Cutting Tool
UA-200 B7	U-18927	Power Tool with Cutting Head	1/2	21/32	7/16		5/64			Cutter Crimper Head for Printed Circuits
UA-200 B8	U-18928	Power Tool with Cutting Head	13/16	21/32	7/16					Diagonal Cutting Head for Plastics Only
	U-13244	Snub Nose Midget Diagonal Cutting Pliers	1/4	27/64	17/64			1 7/8	3 7/8	Snub Nose and Flush Edges
	U-13614	Midget Diagonal Cutting Pliers	1/2	27/64	17/64			1 7/8	4 1/16	Flush Edges, Adj. Rivet, Fine Tapered Nose and Carbide Inserts at the Cutting Edge
	U-13615	Compound Action Diagonal Cutting Pliers	13/16	21/32	3/8			1 13/16	5 9/16	Carbide Inserts at the Cutting Edge
	U-13634	Midget Diagonal Cutting Pliers	1/2	27/64	7/32			1 7/8	4 1/8	Adjustable Rivet and Carbide Inserts at the Cutting Edge
	U-13952	B-5 Power Tool Head Only with Carbide Edges and Adj. Rivet	13/16	21/32	7/16					Adjustable Rivet and Carbide Inserts at the Cutting Edge
	U-13962	B-6 Power Tool Head Only with Carbide Edges and Adj. Rivet	13/16	21/32	7/16					Hair-Line Flush Edge, Adj. Rivet and Carbide Inserts at the Cutting Edge
	U-14544	Electronic Dyke Tip Cutting Pliers	63/64	7/16	9/32		1/32	1 7/8	4 27/64	Same as 894-4 Except Nose is Tapered to 1/32″
	U-18935	UA-200 B5 Power Tool with Adj. Rivet and Carbide Edges	13/16	21/32	7/16					Adjustable Rivet and Carbide Inserts at the Cutting Edge
	U-18936	UA-200 B6 Power Tool with Adj. Rivet and Carbide Edges	13/16	21/32	7/16					Hair-Line Flush Edge, Adj. Rivet and Carbide Inserts at the Cutting Edge
	U-84826	Midget Tool Kit								Compact Colorful Kit

*TRADE MARK

rapid-wrapit tools*

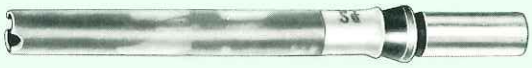
Wire Gauge—26, 24, and 22

New No.	Old No.	
U-18821	RW-100	Wt. 10½ oz.
U-18822	RW-200	With Collet Chuck

A light, hand operated tool suitable for either production line or field work. Housing is aluminum with nickel-chrome finish. (Weight 10½ oz.)

RW-100 Sleeves		RW-200 Sleeves		RW-100—RW-200 Bits	
New No.	Old No.	New No.	Old No.	New No.	Old No.
U-19164	RS 264	U-19163	RS 263	U-19061	RB 261
U-19144	RS 244	U-19143	RS 243	U-19041	RB 241
U-19124	RS 224	U-19123	RS 223	U-19021	RB 221

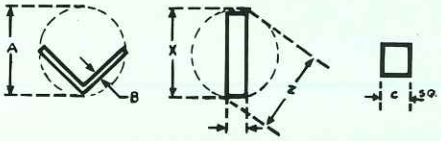
Hand Operated tool for solderless wrapped wire connections. Bits and sleeves are required.



BITS Different bits are required depending on the size of the wire, the size of the terminal and height on the terminal at which the connection is to be made. Wire and terminal specifications for bits are set forth in the tables below.

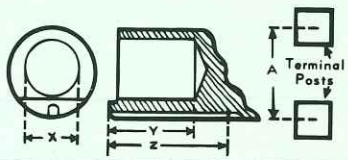
SLEEVES Different sleeves are required depending on the size of the wire and the terminal. Utica Rapid-Wrapit sleeves are insulated and minimize shorting to adjacent terminals. There is, however, no insulation from the terminal and the connection being wrapped. See tables below for selection of proper sleeve size.

TERMINAL DIMENSIONS



Wire Gauge Size	RW-100 Sleeve Part Number	RW-200 Sleeve Part Number	Bit Part Number	Bore Size Dia. of Bit	TERMINAL SPECIFICATIONS											
					"Vee"		Rectangular								Square	
					Max.	Min.	Rec.		Max.			Min.		Rec.	Max.	Min.
					A	B	X	Y	X	Y	Z	X	Y	C	C	C
26	RS 264	RS 263	RB 261	.075	.070	.010	.062	.031	.062	.040	.070	.040	.012	.045	.045	.030
24	RS 244	RS 243	RB 241	.075	.070	.010	.062	.031	.062	.040	.070	.040	.012	.045	.045	.030
22	RS 224	RS 223	RB 221	.087	.082	.012	.062	.031	.062	.058	.082	.062	.015	.045	.058	.035

BIT SPECIFICATIONS



Wire Gauge No.	Bit Part No.	Bore		Z	A	Wire Gauge No.	Sleeve Part No.
		X	Y				
26	RB 261	.075	.800	2″	.162	26	RS 264
24	RB 241	.075	.800	2″	.162	24	RS 244
22	RB 221	.087	.800	1¾″	.190	22	RS 224

UTICA® tools

UTICA TOOL CO., INC.
Subsidiary △ The Triangle Corporation
Orangeburg, South Carolina 29115

FORM NO. 788A

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